

What is claimed is:

1. A chain-extended polymer or stellar polymer which is obtainable by polymerizing a vinyl monomer in the manner of living radical polymerization and adding a compound having two or more polymerizable carbon-carbon double bonds at the end of the polymerization.
2. The chain-extended polymer or stellar polymer according to Claim 1, which is prepared by polymerizing at least one kind of vinyl monomers selected from among (meth)acrylic monomers, acrylonitrile monomers, aromatic vinyl monomers, fluorine-containing vinyl monomers and silicon-containing vinyl monomers.
3. A composition which comprises, as an essential component, a hydroxyl-terminated polymer falling under the polymer according to Claim 2 and a compound having, in each molecule thereof, not less than two functional groups reactive with the hydroxyl group.
4. A composition which comprises, as an essential component, a hydroxyl-terminated polymer falling under the polymer according to Claim 1 and a compound having, in each molecule thereof, not less than two functional groups reactive with the hydroxyl group.